

ACTIVE LANDING CONTROL SYSTEM FOR RASTER BASED DEVICES**ABSTRACT OF THE DISCLOSURE**

Correction of electron beam landing misalignment in a raster-type display is undertaken without using the usual set of coils, but rather by superimposing a landing misalignment correction signal on the already-existing velocity modulation (VM) coil or on another coil located at the junction of the electron beams in the neck of the display. The correction signal may be varied based on pressure, temperature, and ambient magnetic field as indicated by respective sensors to appropriately correct electron beam landing on phosphors the positions of which may be affected by variations in magnetic fields, temperature, and pressure.